

FIG. 1

FIG. 2 is a graph showing the membership function for the fuzzy set "WARM" as a function of temperature. The horizontal axis is labeled $\Omega_{\text{TEMPERATURE}}$ and has tick marks at 0, 10, 20, 30, and 40. The vertical axis is labeled "MEMBERSHIP" and has tick marks at 0 and 1. The membership function is defined by the following points: (0, 0), (10, 1), (20, 1), (30, 0.5), and (40, 0). The area under the curve is shaded gray.

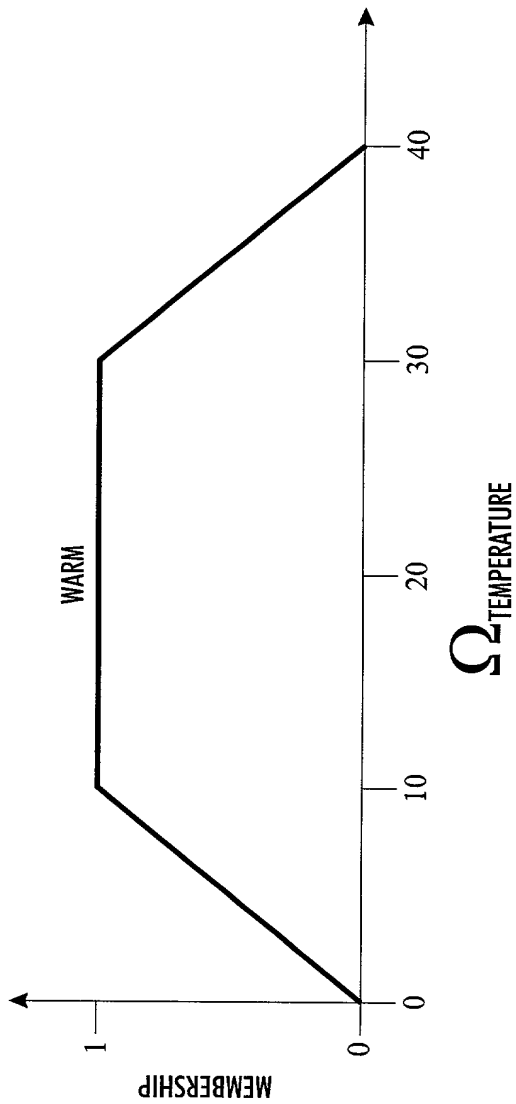


FIG. 2

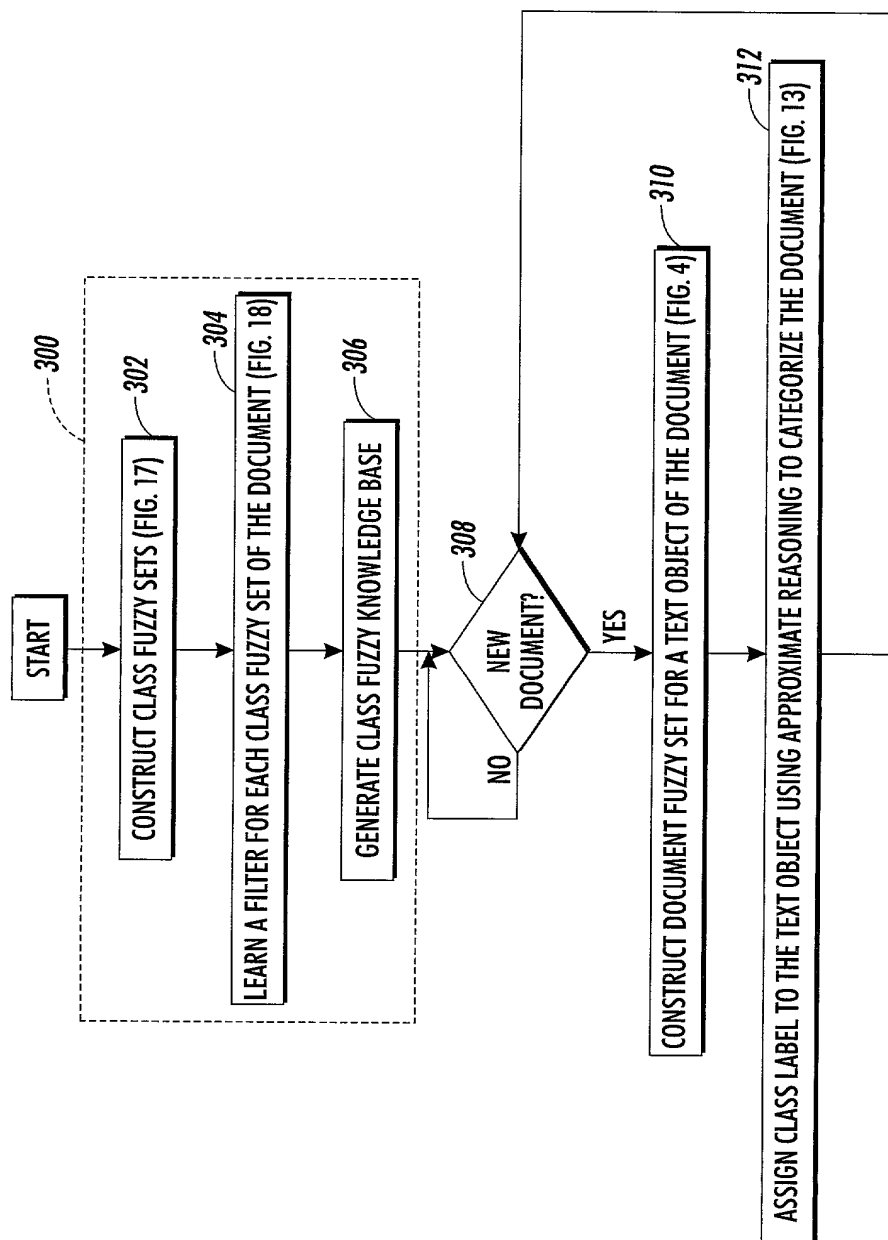


FIG. 3

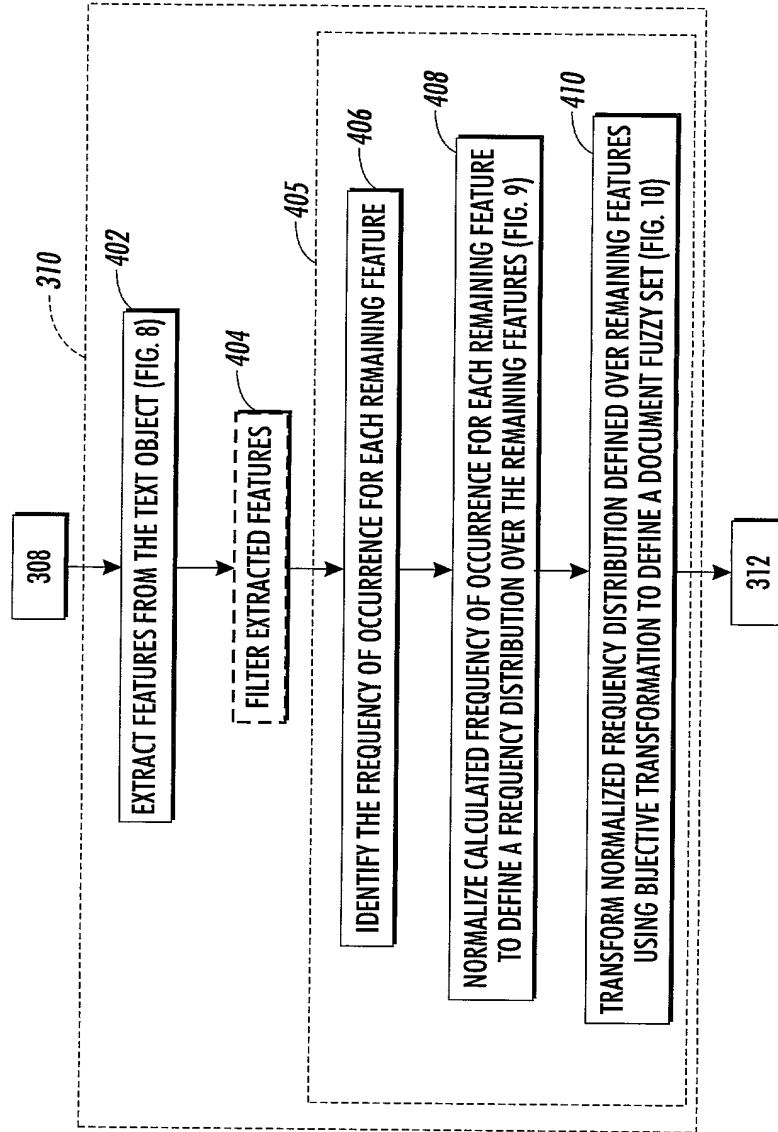


FIG. 4

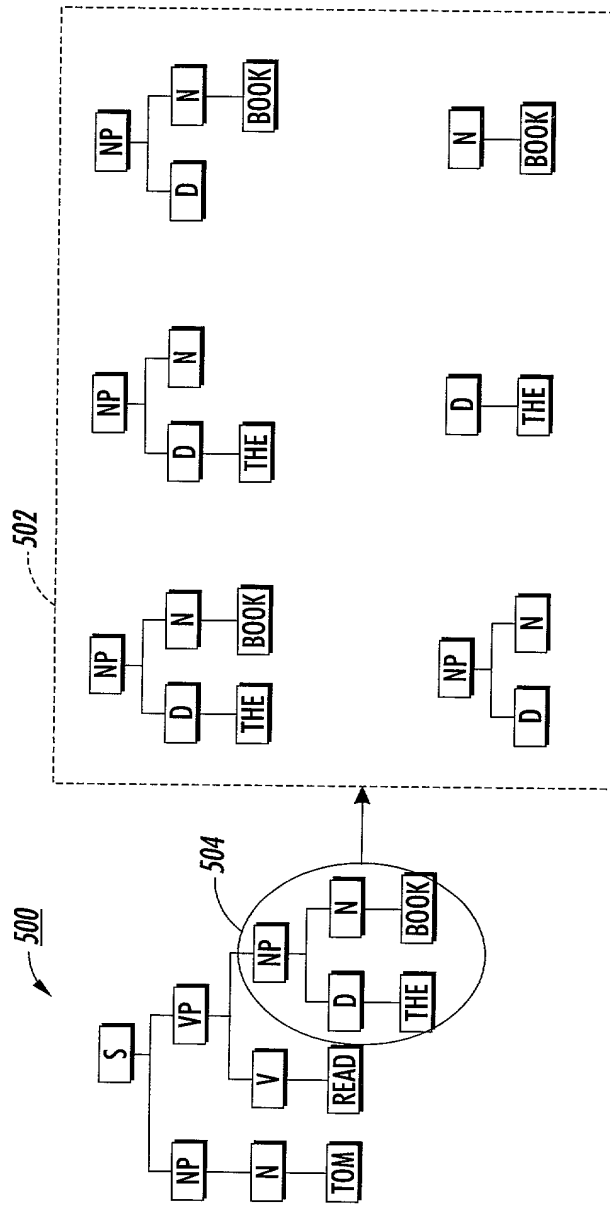


FIG. 5

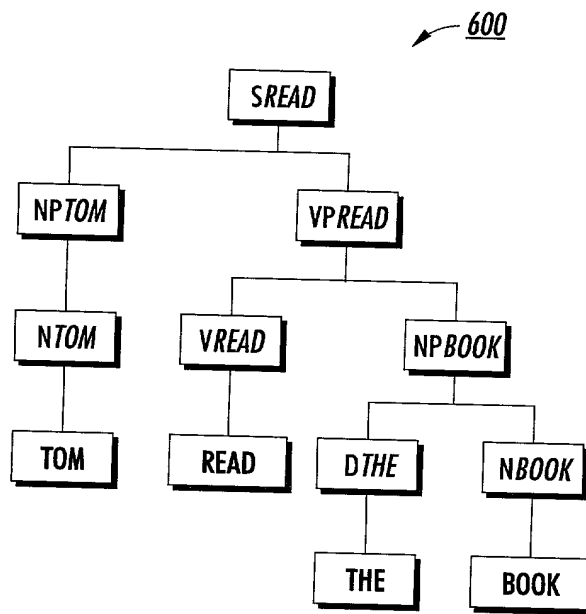


FIG. 6

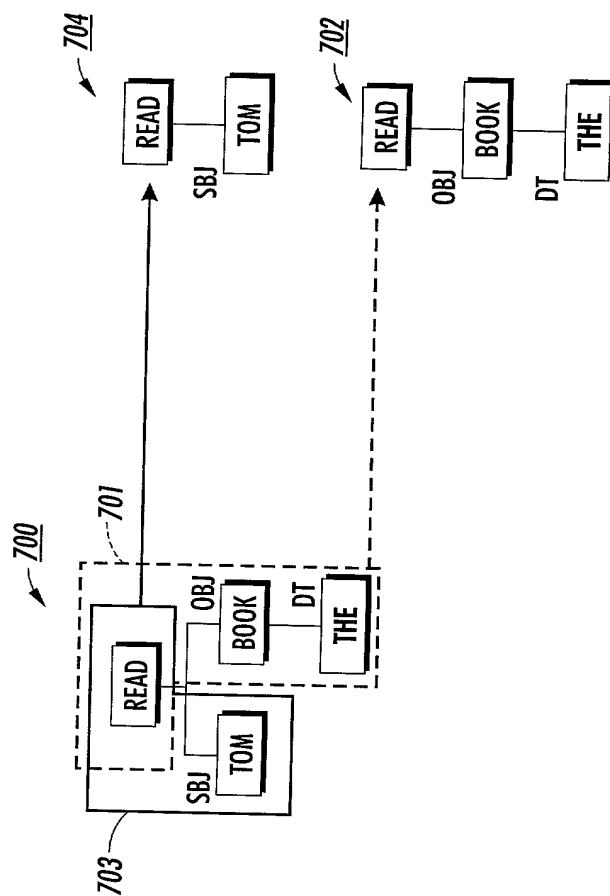


FIG. 7

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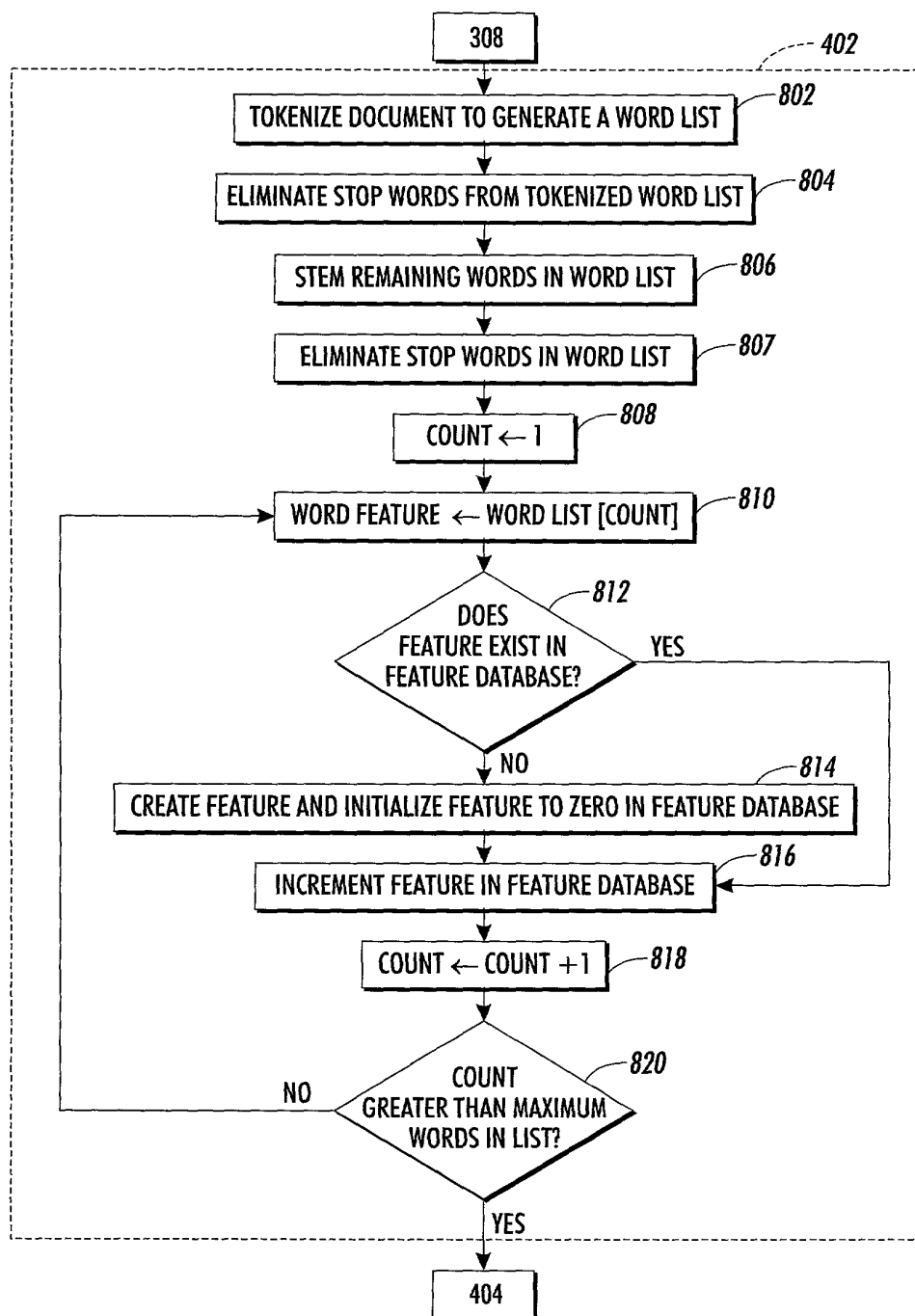


FIG. 8

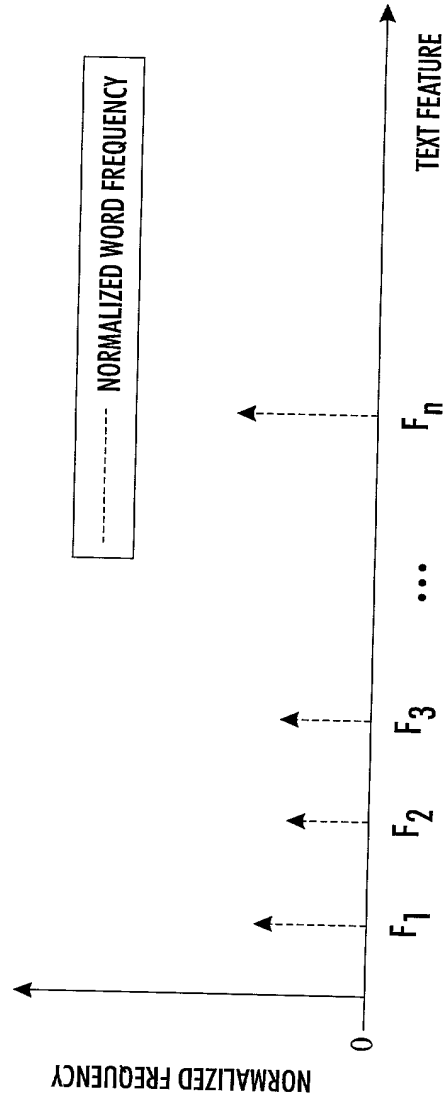


FIG. 9

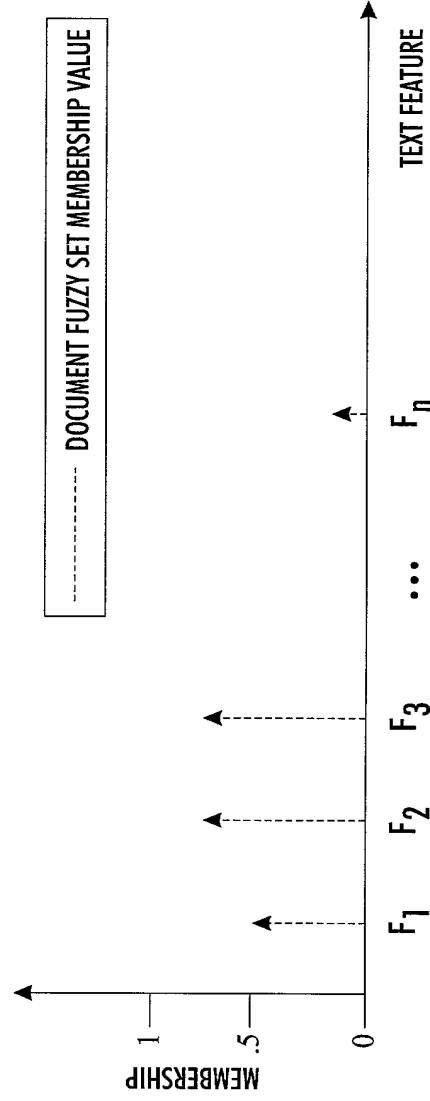


FIG. 10

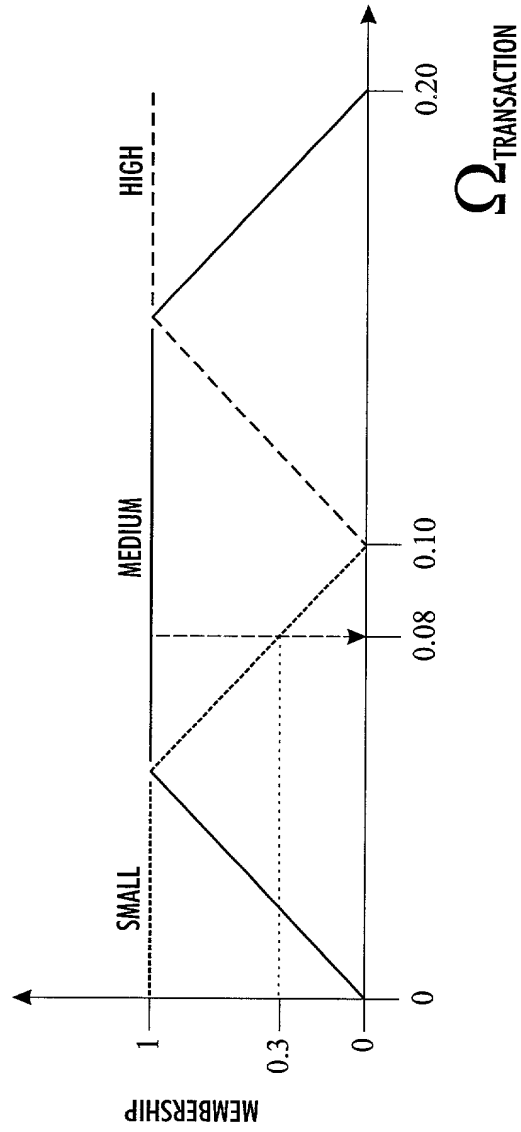


FIG. 11

HAS FEATURE	(f^+, c^-)	(f^+, c^+)
DOES NOT HAVE FEATURE	(f^-, c^-)	(f^-, c^+)
	DOES NOT BELONG TO CATEGORY	BELONGS TO CATEGORY

FIG. 12

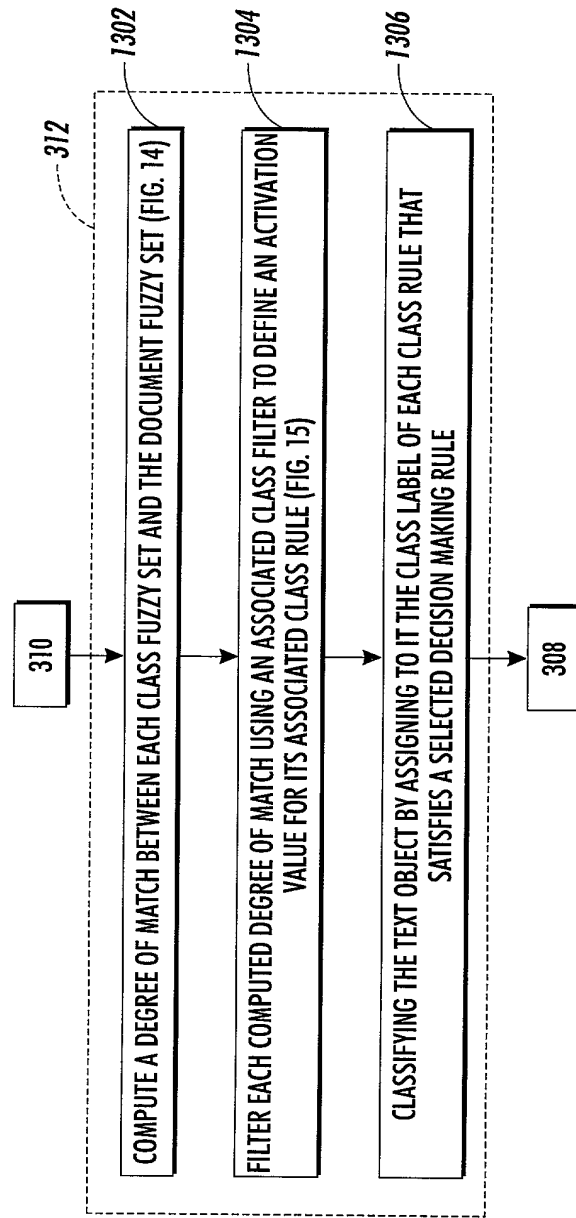


FIG. 13

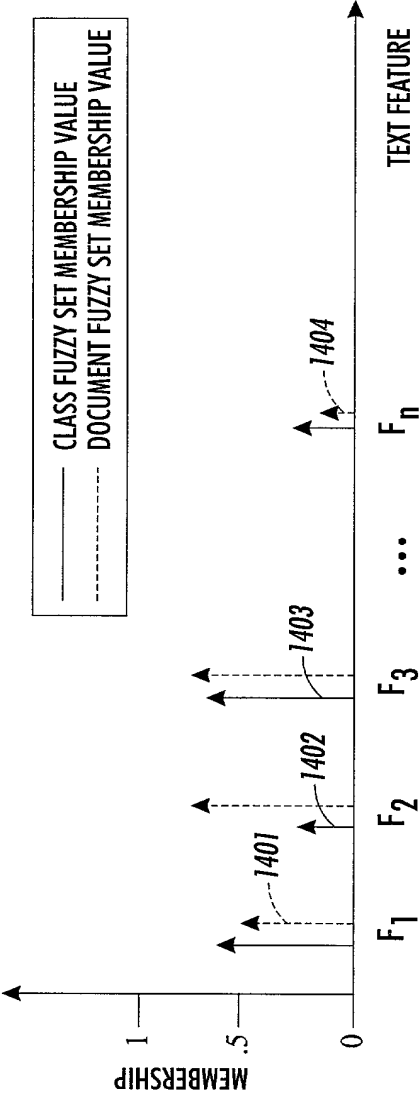


FIG. 14

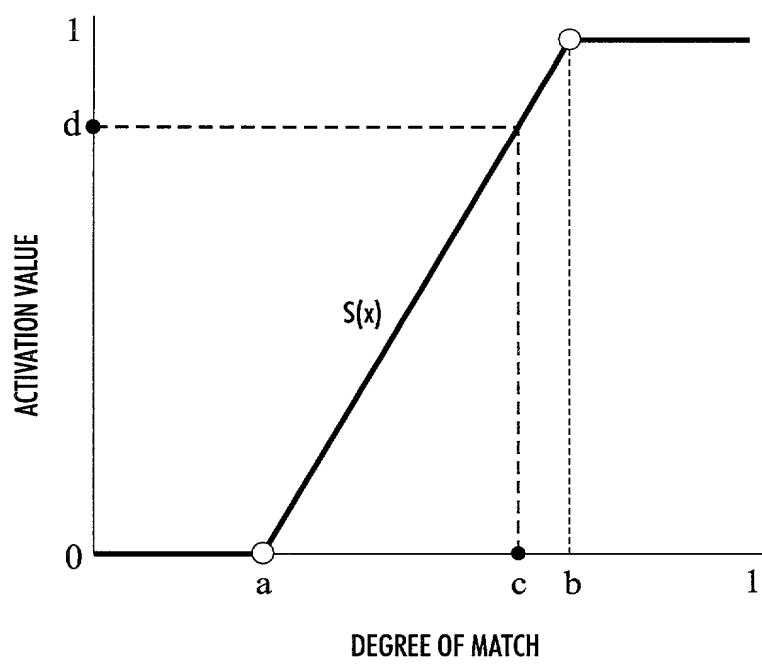


FIG. 15

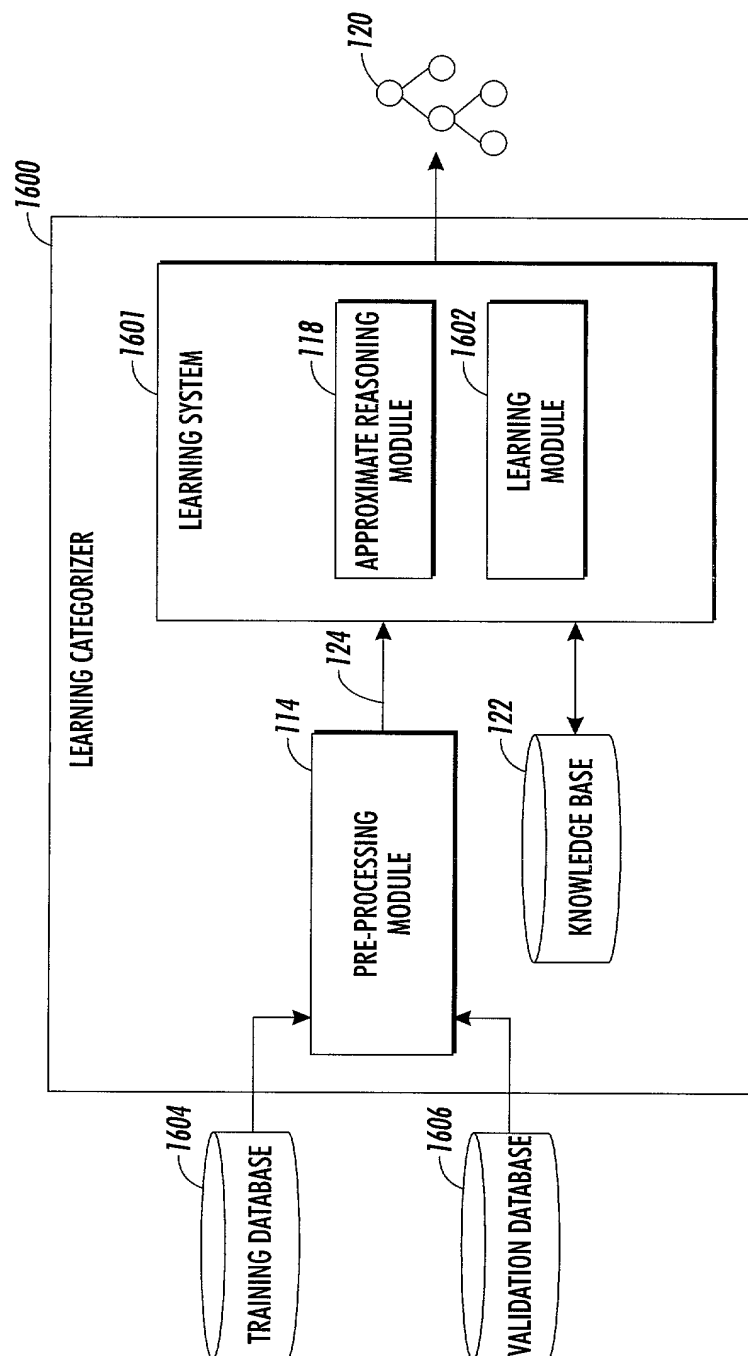


FIG. 16

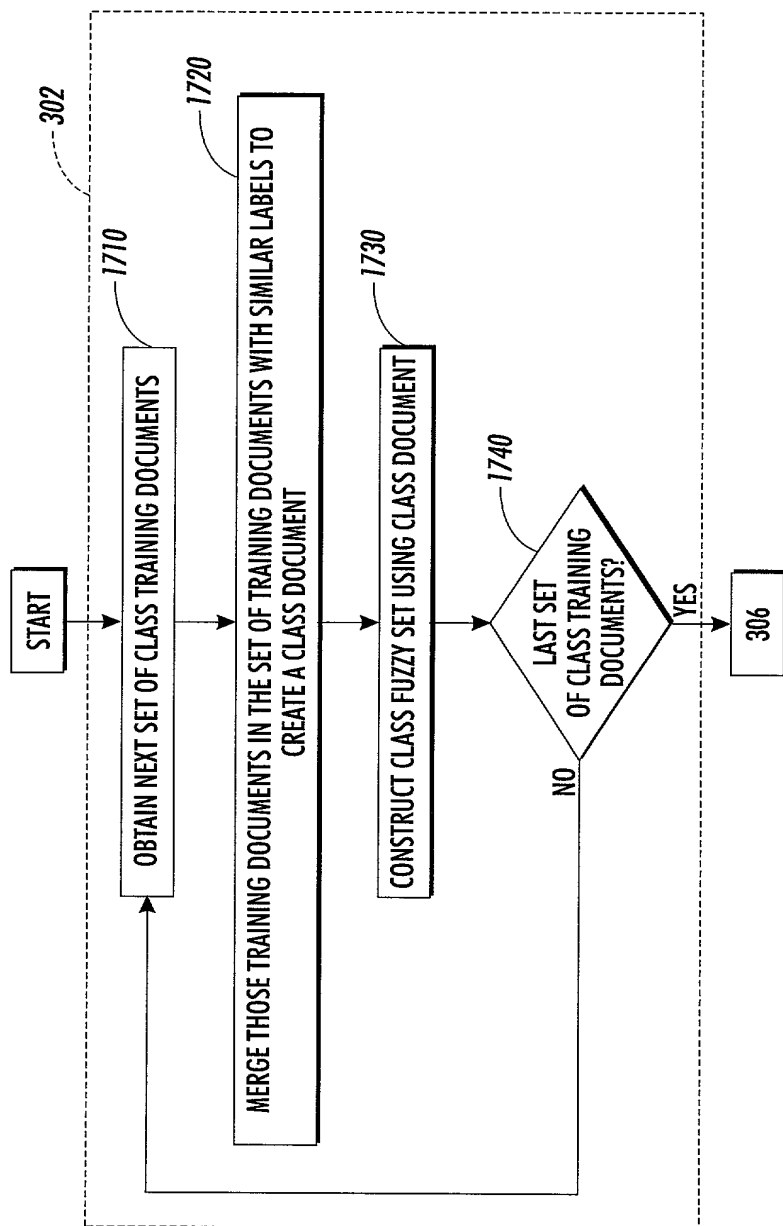


FIG. 17

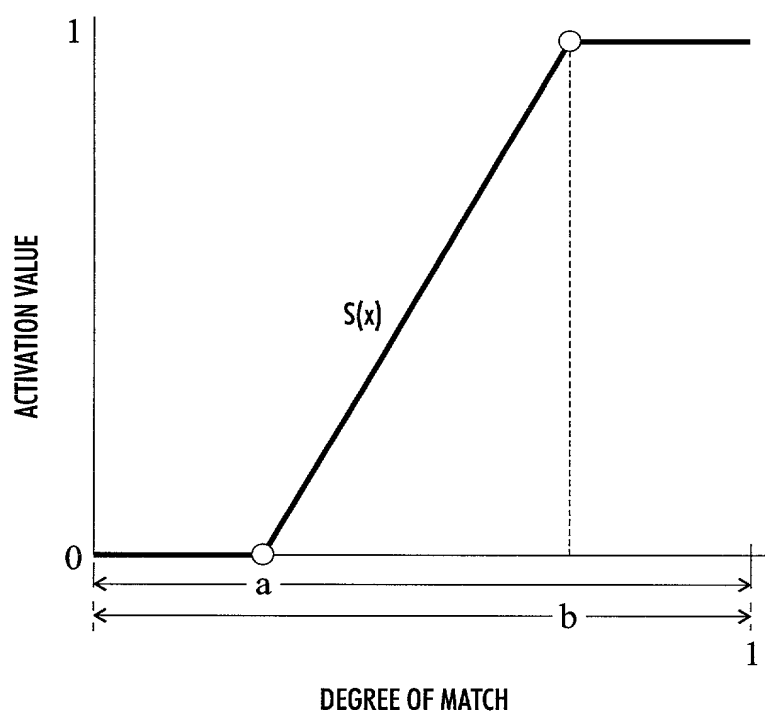


FIG. 18

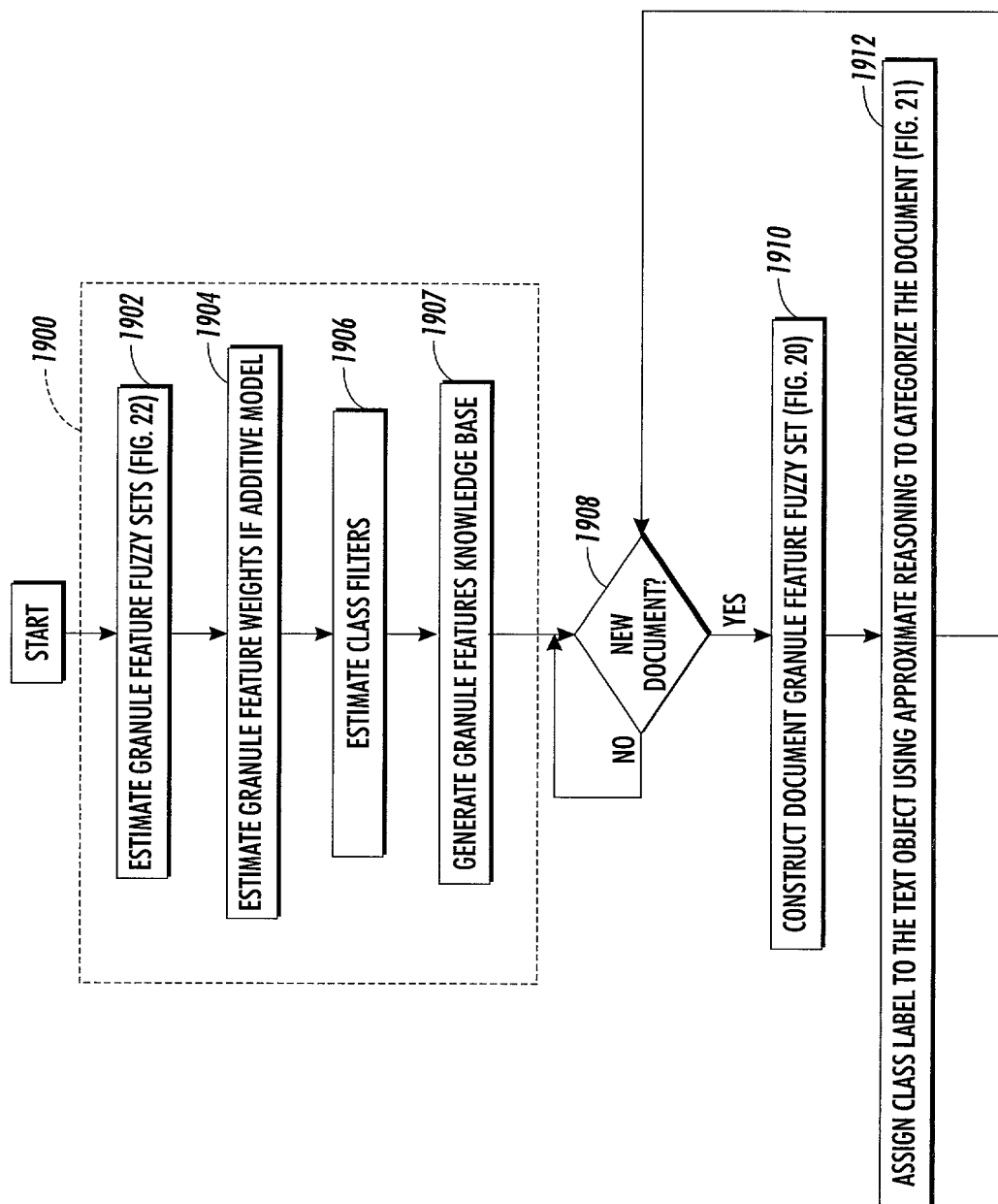


FIG. 19

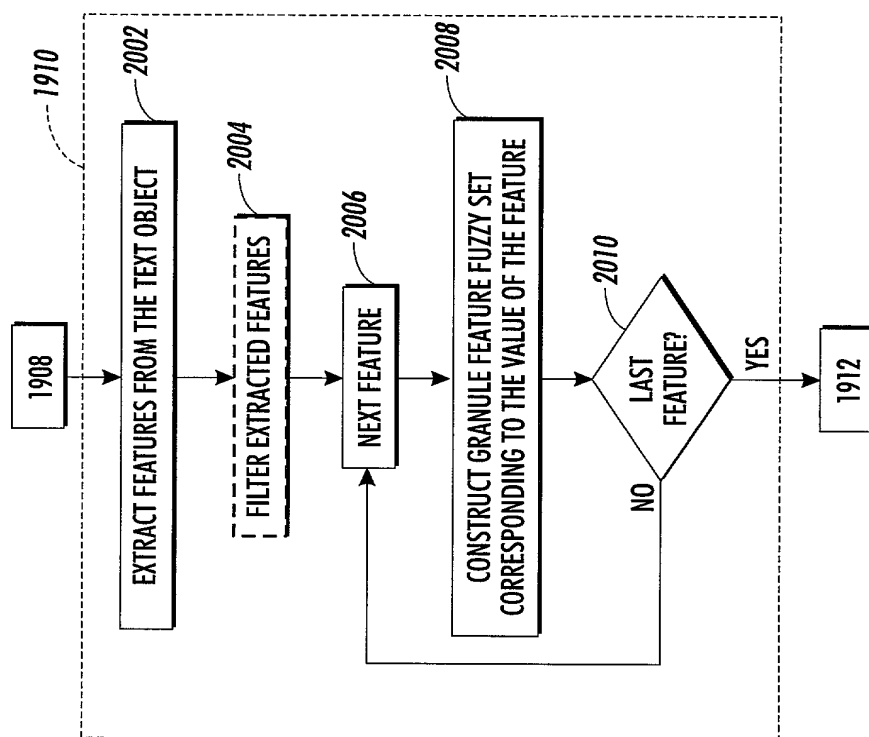


FIG. 20

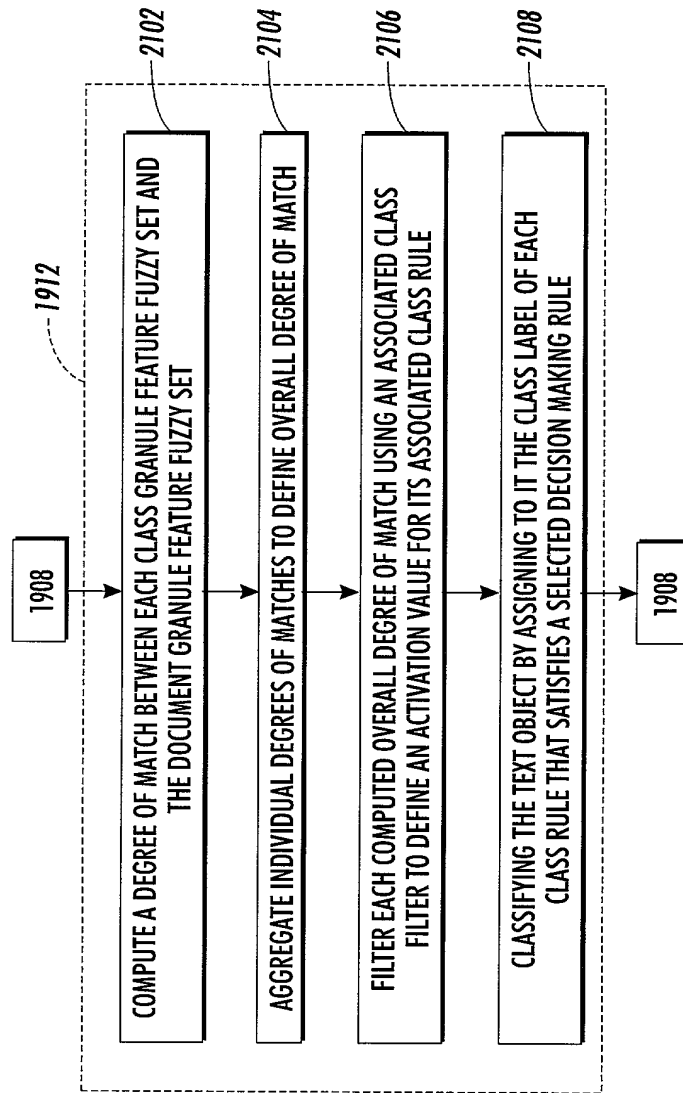


FIG. 21

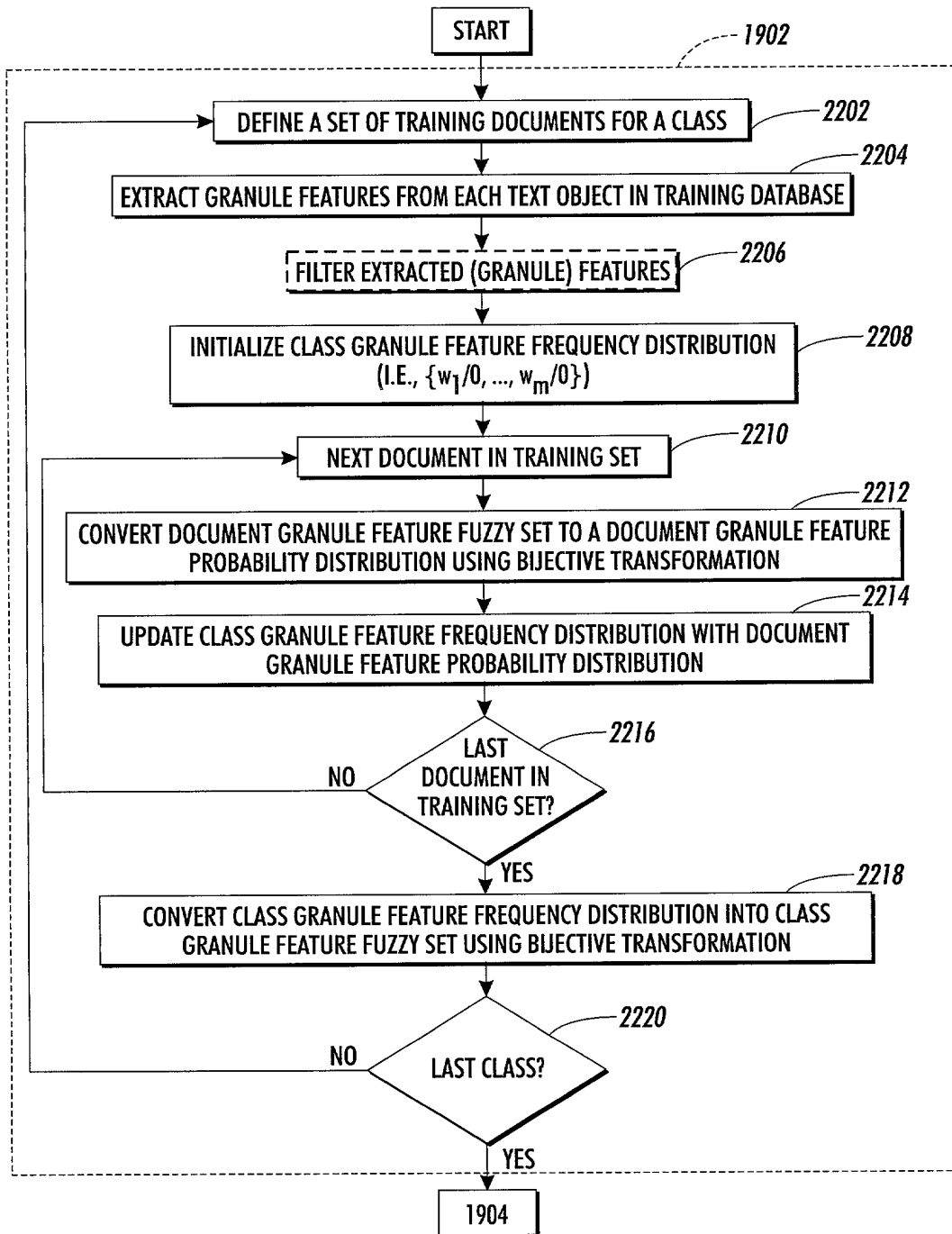


FIG. 22